

**Flood Control Project Maintenance
Levee Inspections**

Fall 2012 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin

| | | | | | | | | |
|--|------------------------|------------------|---------------|----------------|-------------|-------------|------------------------------|-------------|
| NA0011 Madera County FCWCA | Overall LMA Rating | Total LMA Miles | | | | | | |
| | U | 26.65 | | | | | | |
| Rated Item | Maintenance Deficiency | | | | Enforcement | | Design & System Obsolescence | |
| | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles | U Miles |
| <i>Earthen Levee</i> | | | | | | | | |
| Vegetation | 52.77 | 13.25 | 105.77 | 396.89% | 0.01 | | | |
| Trim / Thin Trees | 0.50 | | 0.50 | 1.88% | | | | |
| Encroachments | 0.43 | 0.04 | 0.59 | 2.21% | 0.45 | 0.67 | | |
| Animal Control | 16.61 | 1.29 | 21.77 | 81.69% | | | | |
| Slope Stability | | 0.01 | 0.04 | 0.15% | | | | |
| Erosion / Bank Caving | 0.01 | | 0.01 | 0.04% | | | | 0.01 |
| Crown Surface / Depressions / Rutting | 0.80 | | 0.80 | 3.00% | | | | |
| <i>Channels</i> | | | | | | | | |
| Encroachments | 0.01 | | 0.01 | 0.04% | | | | |
| <i>Supplemental</i> | | | | | | | | |
| DWR Erosion Survey | 0.12 | | 0.12 | 0.45% | | | | |
| <i>Unit Totals:</i> | 71.25 | 14.59 | 129.61 | 486.34% | 0.46 | 0.67 | 0.00 | 0.01 |
| Unit No. 01 Ash Slough RB NA0011 | Overall Unit Rating | Total Unit Miles | | | | | | |
| | U | 2.41 | | | | | | |
| Rated Item | Maintenance Deficiency | | | | Enforcement | | Design & System Obsolescence | |
| | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles | U Miles |
| <i>Earthen Levee</i> | | | | | | | | |
| Vegetation | 0.50 | | 0.50 | 20.75% | | | | |
| Encroachments | 0.18 | 0.01 | 0.22 | 9.13% | 0.03 | | | |
| Animal Control | 0.04 | | 0.04 | 1.66% | | | | |
| <i>Supplemental</i> | | | | | | | | |
| DWR Erosion Survey | 0.12 | | 0.12 | 4.98% | | | | |
| <i>Unit Totals:</i> | 0.84 | 0.01 | 0.88 | 36.51% | 0.03 | 0.00 | 0.00 | 0.00 |
| Unit No. 02 Ash Slough LB NA0011 | Overall Unit Rating | Total Unit Miles | | | | | | |
| | U | 2.07 | | | | | | |
| Rated Item | Maintenance Deficiency | | | | Enforcement | | Design & System Obsolescence | |
| | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles | U Miles |
| <i>Earthen Levee</i> | | | | | | | | |
| Vegetation | 4.52 | 1.61 | 10.96 | 529.47% | 0.01 | | | |
| Trim / Thin Trees | 0.27 | | 0.27 | 13.04% | | | | |
| Encroachments | 0.10 | | 0.10 | 4.83% | 0.11 | 0.03 | | |
| Animal Control | 2.42 | | 2.42 | 116.91% | | | | |
| <i>Unit Totals:</i> | 7.31 | 1.61 | 13.75 | 664.25% | 0.12 | 0.03 | 0.00 | 0.00 |

Flood Control Project Maintenance
Levee Inspections

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Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin (cont.)

| Unit No. 03 Berenda Slough RB NA0011 | Overall Unit Rating | Total Unit Miles | | | | | | |
|--|------------------------|------------------|--------------|-------------|-------------|---------|------------------------------|---------|
| | U | 1.55 | | | | | | |
| Rated Item | Maintenance Deficiency | | | | Enforcement | | Design & System Obsolescence | |
| | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles | U Miles |
| <i>Earthen Levee</i> | | | | | | | | |
| Vegetation | 2.63 | 0.01 | 2.67 | 172.26% | | | | |
| Trim / Thin Trees | 0.12 | | 0.12 | 7.74% | | | | |
| Encroachments | 0.03 | | 0.03 | 1.94% | 0.02 | 0.01 | | |
| Animal Control | 0.62 | 0.03 | 0.74 | 47.74% | | | | |
| <i>Unit Totals:</i> | 3.40 | 0.04 | 3.56 | 229.68% | 0.02 | 0.01 | 0.00 | 0.00 |
| Unit No. 04 Berenda Slough LB NA0011 | Overall Unit Rating | Total Unit Miles | | | | | | |
| | U | 2.28 | | | | | | |
| Rated Item | Maintenance Deficiency | | | | Enforcement | | Design & System Obsolescence | |
| | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles | U Miles |
| <i>Earthen Levee</i> | | | | | | | | |
| Vegetation | 3.99 | 0.95 | 7.79 | 341.67% | | | | |
| Encroachments | 0.04 | 0.01 | 0.08 | 3.51% | 0.01 | 0.45 | | |
| Animal Control | 3.47 | 1.18 | 8.19 | 359.21% | | | | |
| Slope Stability | | 0.01 | 0.04 | 1.75% | | | | |
| <i>Unit Totals:</i> | 7.50 | 2.15 | 16.10 | 706.14% | 0.01 | 0.45 | 0.00 | 0.00 |
| Unit No. 05 Fresno River RB NA0011 | Overall Unit Rating | Total Unit Miles | | | | | | |
| | U | 9.20 | | | | | | |
| Rated Item | Maintenance Deficiency | | | | Enforcement | | Design & System Obsolescence | |
| | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles | U Miles |
| <i>Earthen Levee</i> | | | | | | | | |
| Vegetation | 12.20 | 1.17 | 16.88 | 183.48% | | | | |
| Trim / Thin Trees | 0.11 | | 0.11 | 1.20% | | | | |
| Encroachments | 0.06 | 0.02 | 0.14 | 1.52% | 0.01 | 0.18 | | |
| Animal Control | 6.19 | 0.08 | 6.51 | 70.76% | | | | |
| Erosion / Bank Caving | 0.01 | | 0.01 | 0.11% | | | | |
| Crown Surface / Depressions / Rutting | 0.80 | | 0.80 | 8.70% | | | | |
| <i>Channels</i> | | | | | | | | |
| Encroachments | 0.01 | | 0.01 | 0.11% | | | | |
| <i>Unit Totals:</i> | 19.38 | 1.27 | 24.46 | 265.87% | 0.01 | 0.18 | 0.00 | 0.00 |
| Unit No. 06 Fresno River LB NA0011 | Overall Unit Rating | Total Unit Miles | | | | | | |
| | U | 9.14 | | | | | | |
| Rated Item | Maintenance Deficiency | | | | Enforcement | | Design & System Obsolescence | |
| | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles | U Miles |
| <i>Earthen Levee</i> | | | | | | | | |
| Vegetation | 28.93 | 9.51 | 66.97 | 732.71% | | | | |
| Encroachments | 0.02 | | 0.02 | 0.22% | 0.27 | | | |
| Animal Control | 3.87 | | 3.87 | 42.34% | | | | |
| Erosion / Bank Caving | | | | | | | | 0.01 |
| <i>Unit Totals:</i> | 32.82 | 9.51 | 70.86 | 775.27% | 0.27 | 0.00 | 0.00 | 0.01 |

**Flood Control Project Maintenance
Levee Inspections**

LMA District Cover Sheet
Fall 2012 Levee Inspection Results

Madera County FCWCA

| | Spring (March - May) | Summer ** (June - August) | Fall (September - November) | Winter ** (December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| * Overall LMA Rating (Fall Only) | | | U | |

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Madera County FCWCA

| Waterway | | | Bank | Unit Miles |
|--|--|---------------------------|---------------------------------------|---------------------------------|
| Unit No. 01 Ash Slough | | | Right | 2.41 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | U | |
| Date of Inspection | 04/18/2012 - 04/18/2012 | | 11/01/2012 - 11/01/2012 | |
| DWR Inspector | Herman Phillips | | Herman Phillips | |
| Accompanied By | Dario Dominguez Madera County Resource Management | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|---------------|----------------------------------|----------------|------------|---|---------------|----------------|--|----------------------|----------------------------------|
| L/MR No. | Levee Mile | | Category | Item | * Location Start | * Rating + | Action/Comment | GPS Latitude/Longitude | | Issue No. Photo |
| | Levee | Mile | | | | | | Start | End | |
| 1 | Earthen Levee | Operations & Maintenance Manuals | WS | A Ma | | | | ° | ° | 41 |
| | | | | | | | | ° | ° | |
| | | | | | | | | | | DWR ID: DWR_NA0011_01_s_2012_41 |
| 2 | Earthen Levee | Emergency Supplies & Equipment | WS | A Ma | | | | ° | ° | 43 |
| | | | | | | | | ° | ° | |
| | | | | | | | | | | DWR ID: DWR_NA0011_01_s_2012_43 |
| 3 | Earthen Levee | Flood Preparedness & Training | WS | A Ma | | | | ° | ° | 44 |
| | | | | | | | | ° | ° | |
| | | | | | | | | | | DWR ID: DWR_NA0011_01_s_2012_44 |
| 4 | 0.00 0.02 | Earthen Levee | Vegetation | CR M Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. | | | 37.046367 ° 37.046366 ° 34 -120.428035 ° -120.428033 ° | | |
| | | | | | | | | | | DWR ID: DWR_NA0011_01_s_2012_34 |
| 5 | 0.01 0.47 | Earthen Levee | Vegetation | WS M Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. | | | 37.046535 ° 37.049705 ° 4 -120.427704 ° -120.420757 ° | | |
| | | | | | | | | | | DWR ID: DWR_NA0011_01_s_2012_4 |
| 6 | 0.02 0.02 | Earthen Levee | Encroachments | WS M En | TR : Tree or limb | | | 37.046589 ° 37.046589 ° 36 -120.427298 ° -120.427298 ° | | |
| | | | | | | | | | | DWR ID: DWR_NA0011_01_s_2012_36 |
| 7 | 0.04 0.04 | Earthen Levee | Encroachments | WS M En | MA : Material | | | 37.046365 ° 37.046365 ° 35 -120.428031 ° -120.428031 ° | | |
| | | | | | | | | | | DWR ID: DWR_NA0011_01_s_2012_35 |
| 8 | 0.10 0.14 | Earthen Levee | Animal Control | LS M Ma | A1 : Exterminate rodents and backfill and compact or grout burrows. | | | 37.045658 ° 37.045948 ° 951 -120.426818 ° -120.425513 ° | | |
| | | | | | | | | | | DWR ID: DWR_NA0011_01_s_2012_951 |
| 9 | 0.20 0.20 | Earthen Levee | Encroachments | WS M En | TR : Tree or limb Inspector Comments: This encroachment was noted on the last two inspections. | | | 37.047292 ° 37.047292 ° 38 -120.424453 ° -120.424453 ° | | |
| | | | | | | | | | | DWR ID: DWR_NA0011_01_s_2012_38 |
| 10 | 0.28 0.30 | Earthen Levee | Encroachments | WS M Ma | TR : Tree or limb Inspector Comments: Noted on the last two inspections. | | | 37.047812 ° 37.047963 ° 6 -120.423155 ° -120.422898 ° | | |
| | | | | | | | | | | DWR ID: DWR_NA0011_01_s_2012_6 |
| 11 | 0.32 0.34 | Earthen Levee | Encroachments | WS M Ma | TR : Tree or limb Inspector Comments: Noted on the last two inspections. | | | 37.048223 ° 37.048467 ° 8 -120.422642 ° -120.422315 ° | | |
| | | | | | | | | | | DWR ID: DWR_NA0011_01_s_2012_8 |
| 12 | 0.43 0.43 | Earthen Levee | Encroachments | WS M Ma | TR : Tree or limb Inspector Comments: Noted on the last two inspections. | | | 37.049355 ° 37.049355 ° 9 -120.421203 ° -120.421203 ° | | |
| | | | | | | | | | | DWR ID: DWR_NA0011_01_s_2012_9 |
| 13 | 0.44 0.44 | Earthen Levee | Encroachments | WS M Ma | TR : Tree or limb | | | 37.049455 ° 37.049455 ° 11 -120.421218 ° -120.421218 ° | | |
| | | | | | | | | | | DWR ID: DWR_NA0011_01_s_2012_11 |
| 14 | 0.45 0.56 | Earthen Levee | Encroachments | LS M Ma | TR : Tree or limb | | | 37.049484 ° 37.050574 ° 39 -120.421017 ° -120.419601 ° | | |
| | | | | | | | | | | DWR ID: DWR_NA0011_01_s_2012_39 |

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | | |
|----------|------------|------|-----------------------------|---------------|---------------------|---------------|---|------------------------|---------------|----------------------|---------------------------------|---|--|
| LMR No. | Levee Mile | | Category | Item | * Location Start | * Rating + | Action/Comment | GPS Latitude/Longitude | | Issue No. Start | Photo | | |
| | Start | End | | | | | | Start | End | | | | |
| 15 | 0.53 | 0.53 | Earthen Levee | Encroachments | WS | M | TR : Tree or limb Ma | 37.050335 ° | 37.050335 ° | 10 | | | |
| | | | | | | | | -120.419965 ° | -120.419965 ° | | DWR ID: DWR_NA0011_01_s_2012_10 | | |
| 16 | 0.91 | 2.41 | Earthen Levee | Vegetation | LS | A | V1 : Control annual grass and weeds on the levee slopes and easements. Inspector Comments: The levee here from 0.91 thru 2.41 is maintained by the farmer (land owner) is void of vegetation. | 37.054524 ° | 37.068903 ° | 7 | | | |
| | | | | | | | | -120.416990 ° | -120.398559 ° | Y | | | |
| 17 | 0.96 | 0.96 | Earthen Levee | Encroachments | CR | U | TR : Tree or limb Ma | 37.055579 ° | 37.055579 ° | 5 | | | |
| | | | | | | | | -120.415840 ° | -120.415840 ° | Y | | | |
| | | | | | | | | | | | DWR ID: DWR_NA0011_01_f_2012_7 | | |
| 18 | 1.11 | 1.20 | Supplemental Erosion Survey | | WS | M | Inspector Comments: 07/31/2012: Site was visited on 07/24/2012. No significant change observed. Dense vegetation around the site 08/09/2011: Site was inspected. No visible change was observed from the previous condition. A fallen tree was seen at the levee toe about 20 feet upstream, and tree root exposed. There has been no report from the district that this site was corrected. 11/30/2010: Site was not inspected due to time constraints. There have been no reports from the district that the site was corrected. Continue to monitor site during flood events. 08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO. 2009: Site is recommended as a local maintenance issue, per Critical Levee Repair Office, Critical Erosion Sites Evaluation 2008 Report; site was previously rated "M" 9/6/2007: Undercutting of the toe; several trees along the WS slope with roots exposed. [2012 Site ID:NA0011U01RM2.57] | | | 37.055596 ° | 37.055596 ° | 1 | |
| | | | | | | | | -120.412647 ° | -120.412647 ° | Y | | | |
| | | | | | | | | | | | DWR ID: | | |
| 19 | 1.63 | 1.65 | Earthen Levee | Vegetation | LS | M | V2 : Remove the wild growth other than native grasses Ma | 37.060389 ° | 37.060678 ° | 3 | | | |
| | | | | | | | | -120.406555 ° | -120.406345 ° | | | | |
| | | | | | | | | | | | DWR ID: DWR_NA0011_01_s_2012_3 | | |

| |
|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
|---|

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|--|--|--|--|--|-------|------------|--------------------------|-----------------|
| Unit No. 01 Ash Slough | | | | | | Right | 2.41 | 11/01/2012 11/01/2012 | Herman Phillips |

| LMR No. | Levee Mile | | Category | Item | * Location | ** Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | | | |
|---------|------------|------|---------------------------------|------|------------|---|----------------|------------------------|-------------|-----------|---------------|---------------|---|
| | Start | End | | | | | | Start | End | | | | |
| 20 | 2.37 | 2.39 | Supplemental DWR Erosion Survey | WS M | Ma | Inspector Comments: 07/31/2012: Site was visited on 07/26/2012. No significant changes observed 08/09/2011: Site was inspected. No visible change was observed from the previous condition. There have been no reports from the district that this site was corrected. 11/30/2010: Site was not inspected this year due to time constraints. There have been no reports from the district that this site was corrected. Continue monitor during flood events. 08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO. 2009: Site is recommended as a local maintenance issue, per CLRO CES Evaluation 2008 Report; it was previously rated "M". 8/26/2008: Undulating waterside slope surface; vehicular damage along the waterside slope possibly caused by farming equipment; levee crown is composed of sandy material; there is a collection of concrete rubble on the waterside crown hinge; vehicular damage extends from levee toe to crown surface. 9/6/2007: Farmer degraded levee on waterward slope and crown. [2012 Site ID:NA0011U01RM3.8] | | 37.068570 ° | 37.068570 ° | 2 | -120.398620 ° | -120.398620 ° | Y |

DWR ID:

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Ash Slough | Right | 2.41 | 11/01/2012 11/01/2012 | Herman Phillips |

| | |
|------------------------|---------------|
| Levee Mile Report Line | 16 |
| Start Levee Mile | 0.91 |
| End Levee Mile | 2.41 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |

Ash Slough levee mile 0.91-2.41 land side void of vegetation downstream. Photo taken 11-01-2012.

phillips_f_20121120_405.jpg



| | |
|------------------------|---------------|
| Levee Mile Report Line | 17 |
| Start Levee Mile | 0.96 |
| End Levee Mile | 0.96 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Encroachments |

Ash Slough Unit 1 levee mile 0.96 tree fell across levee section. Photo taken 11-01-2012.

phillips_f_20121120_404.jpg



| | |
|------------------------|--------------------|
| Levee Mile Report Line | 18 |
| Start Levee Mile | 1.11 |
| End Levee Mile | 1.20 |
| Location | Water Side |
| Category | Supplemental |
| Item | DWR Erosion Survey |

Close-in view at the erosion site

SJR2012_NA0011U01RM2.57_1.jpg



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
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| M : Minimally Acceptable |
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| |
|---|
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| |
|-----------------------------------|
| + Issue Type |
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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Ash Slough | Right | 2.41 | 11/01/2012 11/01/2012 | Herman Phillips |

| | |
|------------------------|--------------------|
| Levee Mile Report Line | 18 |
| Start Levee Mile | 1.11 |
| End Levee Mile | 1.20 |
| Location | Water Side |
| Category | Supplemental |
| Item | DWR Erosion Survey |

View from the riverbed



SJR2012_NA0011U01RM2.57_2.jpg

| | |
|------------------------|--------------------|
| Levee Mile Report Line | 20 |
| Start Levee Mile | 2.37 |
| End Levee Mile | 2.39 |
| Location | Water Side |
| Category | Supplemental |
| Item | DWR Erosion Survey |

Close look at the site



SJR2012_NA0011U01RM3.8_1.jpg

| | |
|------------------------|--------------------|
| Levee Mile Report Line | 20 |
| Start Levee Mile | 2.37 |
| End Levee Mile | 2.39 |
| Location | Water Side |
| Category | Supplemental |
| Item | DWR Erosion Survey |

New dirt added to the levee



SJR2012_NA0011U01RM3.8_2.jpg

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
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| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Madera County FCWCA

| Waterway | | | Bank | Unit Miles |
|--|---|---------------------------|---------------------------------------|---------------------------------|
| Unit No. 02 Ash Slough | | | Left | 2.07 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | U | |
| Date of Inspection | 04/18/2012 - 04/18/2012 | | 11/01/2012 - 11/01/2012 | |
| DWR Inspector | Herman Phillips | | Herman Phillips | |
| Accompanied By | Dario Dominguez Madera County Resources Management | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|---------------|-------------------|---------------------|---------------|---|---|---------------|----------------------|---------------------------------|
| LMR No. | Levee Mile | | Category | Item | * Location Start | * Rating + | Action/Comment | GPS Latitude/Longitude | | Issue No. Start | Photo |
| | Start | End | | | | | | Start | End | | |
| 1 | 0.01 | 0.03 | Earthen Levee | Encroachments | LS | U | DT : Ditch En | 37.045505 ° | 37.045539 ° | 32 | |
| | | | | | | | | -120.427473 ° | -120.427444 ° | Y | DWR ID: DWR_NA0011_02_f_2012_32 |
| 2 | 0.01 | 0.05 | Earthen Levee | Vegetation | LS | U | V2 : Remove the wild growth other than native grasses Ma from the levee slopes. | 37.045655 ° | 37.045802 ° | 17 | |
| | | | | | | | | -120.427097 ° | -120.426509 ° | Y | DWR ID: DWR_NA0011_02_f_2012_17 |
| 3 | 0.02 | 0.17 | Earthen Levee | Animal Control | LS | M | A1 : Exterminate rodents and backfill and compact or Ma grout burrows. | 37.045657 ° | 37.046288 ° | 10 | |
| | | | | | | | | -120.426911 ° | -120.424424 ° | | DWR ID: DWR_NA0011_02_s_2012_10 |
| 4 | 0.03 | 0.66 | Earthen Levee | Animal Control | LS | M | A1 : Exterminate rodents and backfill and compact or Ma grout burrows. | 37.045685 ° | 37.050727 ° | 48 | |
| | | | | | | | | -120.426820 ° | -120.417933 ° | | DWR ID: DWR_NA0011_02_s_2012_48 |
| 5 | 0.03 | 0.03 | Earthen Levee | Encroachments | LS | M | EQ : Equipment En | 37.045751 ° | 37.045758 ° | 20 | |
| | | | | | | | | -120.426813 ° | -120.426793 ° | | DWR ID: DWR_NA0011_02_f_2012_20 |
| 6 | 0.05 | 1.69 | Earthen Levee | Animal Control | LS | M | A1 : Exterminate rodents and backfill and compact or Ma grout burrows. | 37.045806 ° | 37.060091 ° | 19 | |
| | | | | | | | | -120.426405 ° | -120.405342 ° | | DWR ID: DWR_NA0011_02_f_2012_19 |
| 7 | 0.10 | 0.10 | Earthen Levee | Encroachments | CR | M | FE : Fence En | 37.045989 ° | 37.045989 ° | 22 | |
| | | | | | | | | -120.425605 ° | -120.425605 ° | | DWR ID: DWR_NA0011_02_f_2012_22 |
| 8 | 0.16 | 0.17 | Earthen Levee | Vegetation | LS | M | V6 : Landscaping En | 37.046212 ° | 37.046303 ° | 6 | |
| | | | | | | | | -120.424573 ° | -120.424332 ° | | DWR ID: DWR_NA0011_02_s_2012_6 |
| 9 | 0.27 | 0.29 | Earthen Levee | Trim / Thin Trees | WS | M | T1 : Trim trees to at least five feet above ground level. Ma | 37.046937 ° | 37.047192 ° | 21 | |
| | | | | | | | | -120.422815 ° | -120.422517 ° | | DWR ID: DWR_NA0011_02_s_2012_21 |
| 10 | 0.30 | 0.49 | Earthen Levee | Vegetation | LS | M | V2 : Remove the wild growth other than native grasses Ma from the levee slopes. | 37.047217 ° | 37.048944 ° | 12 | |
| | | | | | | | | -120.422424 ° | -120.419943 ° | | DWR ID: DWR_NA0011_02_s_2012_12 |
| 11 | 0.31 | 0.31 | Earthen Levee | Encroachments | CR | U | FE : Fence En | 37.463150 ° | 37.046315 ° | 5 | |
| | | | | | | | | Inspector Comments: This fence was not authorized by CVFPB and we have no key to access this gate if the land owner decides to lock us out. District should remove it, require landowner to apply for CVFPB Permit, and obtain letter of Authorization. | | | DWR ID: DWR_NA0011_02_f_2012_5 |
| 12 | 0.32 | 1.89 | Earthen Levee | Vegetation | WS | U | V2 : Remove the wild growth other than native grasses Ma from the levee slopes. | 37.047415 ° | 37.062094 ° | 24 | |
| | | | | | | | | -120.422141 ° | -120.403083 ° | Y | DWR ID: DWR_NA0011_02_f_2012_24 |
| 13 | 0.32 | 0.32 | Earthen Levee | Encroachments | WS | M | TR : Tree or limb Ma | 37.047416 ° | 37.047416 ° | 28 | |
| | | | | | | | | -120.422142 ° | -120.422142 ° | | DWR ID: DWR_NA0011_02_f_2012_28 |
| 14 | 0.32 | 0.98 | Earthen Levee | Vegetation | CR | M | V2 : Remove the wild growth other than native grasses Ma from the levee slopes. | 37.047417 ° | 37.054965 ° | 29 | |
| | | | | | | | | Inspector Comments: The crown roadway should be free of vegetation. | | | DWR ID: DWR_NA0011_02_f_2012_29 |

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|---------------|-------------------|---------------------|---------------|--|------------------------|-------------|----------------------|--|
| L/MR No | Levee Mile | | Category | Item | * Location Start | * Rating + | Action/Comment | GPS Latitude/Longitude | | Issue No. Start | Photo |
| | Levee Mile | End | | | | | | Start | End | | |
| 15 | 0.45 | 0.53 | Earthen Levee | Encroachments | LS | M | FE : Fence En | 37.048627 ° | 37.049342 ° | 11 | DWR ID: DWR_NA0011_02_s_2012_11 |
| 16 | 0.55 | 2.06 | Earthen Levee | Vegetation | WS | M | V2 : Remove the wild growth other than native grasses Ma from the levee slopes. | 37.049597 ° | 37.064091 ° | 13 | -120.419163 ° -120.401131 ° DWR ID: DWR_NA0011_02_s_2012_13 |
| 17 | 0.58 | 0.61 | Earthen Levee | Encroachments | LS | M | PI : Pipe Ma | 37.049830 ° | 37.050267 ° | 14 | -120.418812 ° -120.418329 ° DWR ID: DWR_NA0011_02_s_2012_14 |
| 18 | 0.79 | 0.84 | Earthen Levee | Encroachments | LS | M | EQ : Equipment Ma Inspector Comments: The landowner here has equipment within the easement landside however, most of the encroachments has been removed since last inspection. All has not been removed. | 37.053137 ° | 37.052745 ° | 26 | -120.417517 ° -120.417695 ° DWR ID: DWR_NA0011_02_s_2012_26 |
| 19 | 0.79 | 0.79 | Earthen Levee | Trim / Thin Trees | LS | M | T1 : Trim trees to at least five feet above ground level. Ma | 37.053283 ° | 37.053283 ° | 27 | -120.417477 ° -120.417477 ° DWR ID: DWR_NA0011_02_s_2012_27 |
| 20 | 0.95 | 1.55 | Earthen Levee | Vegetation | WS | M | V2 : Remove the wild growth other than native grasses Ma from the levee slopes. | 37.054706 ° | 37.058793 ° | 30 | -120.415742 ° -120.407330 ° DWR ID: DWR_NA0011_02_f_2012_30 |
| 21 | 1.04 | 1.24 | Earthen Levee | Trim / Thin Trees | WS | M | T1 : Trim trees to at least five feet above ground level. Ma | 37.055115 ° | 37.056050 ° | 3 | -120.414588 ° -120.411178 ° DWR ID: DWR_NA0011_02_s_2012_3 |
| 22 | 1.04 | 1.04 | Earthen Levee | Encroachments | WS | M | TR : Tree or limb Ma | 37.055171 ° | 37.055171 ° | 15 | -120.414560 ° -120.414560 ° DWR ID: DWR_NA0011_02_s_2012_15 |
| 23 | 1.16 | 2.07 | Earthen Levee | Vegetation | LS | M | V2 : Remove the wild growth other than native grasses Ma from the levee slopes. | 37.055694 ° | ° | 31 | -120.412588 ° DWR ID: DWR_NA0011_02_f_2012_31 |
| 24 | 1.29 | 1.29 | Earthen Levee | Encroachments | WS | M | GA : Garbage En | 37.056690 ° | 37.056690 ° | 50 | -120.410630 ° -120.410630 ° DWR ID: DWR_NA0011_02_s_2012_50 |
| 25 | 1.40 | 2.05 | Earthen Levee | Vegetation | CR | M | V2 : Remove the wild growth other than native grasses Ma from the levee slopes. Inspector Comments: Remove the vegetation from crown roadway. | 37.057896 ° | 37.063896 ° | 16 | -120.409687 ° -120.401232 ° DWR ID: DWR_NA0011_02_s_2012_16 |
| 26 | 1.49 | 1.49 | Earthen Levee | Trim / Thin Trees | WS | M | T1 : Trim trees to at least five feet above ground level. Ma | 37.058273 ° | 37.058273 ° | 2 | -120.408195 ° -120.408195 ° DWR ID: DWR_NA0011_02_s_2012_2 |
| 27 | 1.52 | 1.52 | Earthen Levee | Trim / Thin Trees | WS | M | T1 : Trim trees to at least five feet above ground level. Ma | 37.058573 ° | 37.058573 ° | 1 | -120.407660 ° -120.407660 ° DWR ID: DWR_NA0011_02_s_2012_1 |
| 28 | 1.53 | 1.55 | Earthen Levee | Trim / Thin Trees | WS | M | T1 : Trim trees to at least five feet above ground level. Ma | 37.058652 ° | 37.058802 ° | 25 | -120.407638 ° -120.407350 ° DWR ID: DWR_NA0011_02_s_2012_25 |

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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U : Unacceptable

N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Ash Slough | Left | 2.07 | 11/01/2012 11/01/2012 | Herman Phillips |

| | |
|--|-----------------------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.01 |
| End Levee Mile | 0.03 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Ash Slough Levee mile 0.01-0.03 pond dug landward. Photo taken 11-01-2012. | phillips_f_20121120_400.jpg |



| | |
|---|-----------------------------|
| Levee Mile Report Line | 2 |
| Start Levee Mile | 0.01 |
| End Levee Mile | 0.05 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Ash Slough wild growth on landside slope. Photo taken 11-01-2012. | phillips_f_20121120_401.jpg |



| | |
|---|-----------------------------|
| Levee Mile Report Line | 11 |
| Start Levee Mile | 0.31 |
| End Levee Mile | 0.31 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Encroachments |
| Unauthorized fence placed across levee crown with lock (no access). Photo taken 11-01-2012. | phillips_f_20121120_403.jpg |



* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Ash Slough | Left | 2.07 | 11/01/2012 11/01/2012 | Herman Phillips |

| | |
|--|---------------|
| Levee Mile Report Line | 12 |
| Start Levee Mile | 0.32 |
| End Levee Mile | 1.89 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Ash Slough wild growth on waterside both slopes and crown. Photo taken 11-01-2012. | |
| phillips_f_20121120_402.jpg | |



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|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
|---|

| | | |
|---|---|--|
| ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|---|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Madera County FCWCA

| Waterway | | | Bank | Unit Miles |
|--|--|---------------------------|---------------------------------------|---------------------------------|
| Unit No. 03 Berenda Slough | | | Right | 1.55 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | U | |
| Date of Inspection | 04/18/2012 - 04/18/2012 | | 11/01/2012 - 11/01/2012 | |
| DWR Inspector | Herman Phillips | | Herman Phillips | |
| Accompanied By | Dario Dominguez Madera County Resource Management | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | |
|----------|------------|------|---------------|-------------------|---------------------|---------------|--|------------|----------------------|---------------------------------|-----------------------------|
| LMR No. | Levee Mile | | Category | Item | * Location Start | * Rating + | Action/Comment | | | GPS Latitude/Longitude | Issue No. |
| | Start | End | | | | | Start | End | Photo | | |
| 1 | 0.00 | 0.00 | Earthen Levee | Vegetation | LS Ma | U | V2 : Remove the wild growth other than native grasses from the levee slopes. | | | 36.996580 ° -120.374020 ° | 36.996580 ° -120.374020 ° Y |
| | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_21 | |
| 2 | 0.01 | 0.01 | Earthen Levee | Vegetation | LS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | | | 36.996599 ° -120.374011 ° | 36.996599 ° -120.374011 ° |
| | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_13 | |
| 3 | 0.02 | 0.12 | Earthen Levee | Vegetation | LS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | | | 36.996650 ° -120.373386 ° | 36.996261 ° -120.371765 ° |
| | | | | | | | | | | DWR ID: DWR_NA0011_03_f_2012_33 | |
| 4 | 0.03 | 0.03 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T4 : Trim trees over roadway to at least 12 feet above ground level. Inspector Comments: Tree drags against vehicles as they pass by. Remove overhanging tree limbs. | | | 36.996618 ° -120.373116 ° | 36.996618 ° -120.373116 ° |
| | | | | | | | | | | DWR ID: DWR_NA0011_03_f_2012_35 | |
| 5 | 0.03 | 0.03 | Earthen Levee | Encroachments | LS En | M | DT : Ditch | | | 36.996468 ° -120.373158 ° | 36.996473 ° -120.373124 ° Y |
| | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_14 | |
| 6 | 0.04 | 0.04 | Earthen Levee | Encroachments | LS En | M | TR : Tree or limb | | | 36.996522 ° -120.372980 ° | 36.996522 ° -120.372980 ° |
| | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_45 | |
| 7 | 0.04 | 0.10 | Earthen Levee | Vegetation | LS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | | | 36.996471 ° -120.372987 ° | 36.996084 ° -120.372170 ° |
| | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_18 | |
| 8 | 0.05 | 0.05 | Earthen Levee | Encroachments | LS En | U | PI : Pipe Inspector Comments: This pipe was installed by Chowchill Water District. This pipe to-date has no permit. 11-01-2012. Installed without authorization from the CVFPB. | | | 36.996600 ° -120.374013 ° | 36.996600 ° -120.374013 ° Y |
| | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_12 | |
| 9 | 0.05 | 0.05 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T2 : Thin trees to allow visibility of the ground and room to flood fight. | | | 36.996586 ° -120.373158 ° | 36.996586 ° -120.373158 ° |
| | | | | | | | | | | DWR ID: DWR_NA0011_03_f_2012_34 | |
| 10 | 0.06 | 0.06 | Earthen Levee | Encroachments | LS Ma | M | TR : Tree or limb | | | 36.996348 ° -120.372699 ° | 36.996348 ° -120.372699 ° |
| | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_19 | |
| 11 | 0.08 | 0.08 | Earthen Levee | Encroachments | LS Ma | M | DE : Debris | | | 36.996204 ° -120.372352 ° | 36.996201 ° -120.372345 ° |
| | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_20 | |
| 12 | 0.14 | 0.14 | Earthen Levee | Vegetation | LS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: 5/27/2010 The District was in process of mowing during this inspection. | | | 36.996075 ° -120.371273 ° | 36.996075 ° -120.371272 ° |
| | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_2 | |

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|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

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|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|---------------|-------------------|---------------------|---------------|--|------------------------|-------------|----------------------|---------------------------------|
| LMR No | Levee Mile | | Category | Item | * Location Start | * Rating + | Action/Comment | GPS Latitude/Longitude | | Issue No. Start | Photo |
| | Start | End | | | | | | Start | End | | |
| 13 | 0.29 | 0.33 | Earthen Levee | Vegetation | LS | M Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: The crown roadway shall be kept free of any vegetation. The slopes appear to have been sprayed though the growth hasn't been removed from levee sections since 2008. | 36.996112 ° | 36.996143 ° | 3 | -120.368558 ° -120.367987 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_3 |
| 14 | 0.82 | 1.52 | Earthen Levee | Vegetation | WS | M Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.996222 ° | 36.996611 ° | 22 | -120.359030 ° -120.346460 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_22 |
| 15 | 1.05 | 1.05 | Earthen Levee | Trim / Thin Trees | LS | M Ma | T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. | 36.996574 ° | 36.996574 ° | 24 | -120.355032 ° -120.355032 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_24 |
| 16 | 1.06 | 1.06 | Earthen Levee | Trim / Thin Trees | LS | M Ma | T2 : Thin trees to allow visibility of the ground and room to flood fight. | 36.996574 ° | 36.996574 ° | 23 | -120.355032 ° -120.355032 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_23 |
| 17 | 1.06 | 1.06 | Earthen Levee | Encroachments | LS | C En | DE : Debris | 36.996611 ° | 36.996611 ° | 47 | -120.355033 ° -120.355033 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_47 |
| 18 | 1.06 | 1.54 | Earthen Levee | Vegetation | CR | M Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.996619 ° | 36.996627 ° | 38 | -120.355076 ° -120.346620 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_03_f_2012_38 |
| 19 | 1.07 | 1.07 | Earthen Levee | Trim / Thin Trees | LS | M Ma | T1 : Trim trees to at least five feet above ground level. | 36.996613 ° | 36.996610 ° | 11 | -120.355055 ° -120.354995 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_11 |
| 20 | 1.07 | 1.08 | Earthen Levee | Encroachments | WS | M Ma | MA : Material | 36.996568 ° | 36.996570 ° | 4 | -120.355028 ° -120.354788 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_4 |
| 21 | 1.09 | 1.52 | Earthen Levee | Vegetation | CR | M Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.996636 ° | 36.996611 ° | 25 | -120.354262 ° -120.346460 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_25 |
| 22 | 1.09 | 1.52 | Earthen Levee | Animal Control | WS | M Ma | A1 : Exterminate rodents and backfill and compact or grout burrows. | 36.996561 ° | 36.996611 ° | 28 | -120.351928 ° -120.346460 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_28 |
| 23 | 1.09 | 1.12 | Earthen Levee | Trim / Thin Trees | LS | M Ma | T1 : Trim trees to at least five feet above ground level. | 36.996618 ° | 36.996633 ° | 15 | -120.354538 ° -120.354012 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_15 |
| 24 | 1.09 | 1.10 | Earthen Levee | Trim / Thin Trees | WS | M Ma | T1 : Trim trees to at least five feet above ground level. | 36.996620 ° | 36.996625 ° | 16 | -120.354535 ° -120.354340 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_16 |
| 25 | 1.10 | 1.21 | Earthen Levee | Animal Control | LS | M Ma | A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | 36.996587 ° | 36.996567 ° | 5 | -120.354515 ° -120.352393 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_5 |
| 26 | 1.10 | 1.15 | Earthen Levee | Animal Control | WS | M Ma | A1 : Exterminate rodents and backfill and compact or grout burrows. | 36.996582 ° | 36.996588 ° | 6 | -120.354410 ° -120.353595 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_6 |

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|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
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|---|---|
| ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain |
|---|---|

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| + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|---------------|-------------------|------------|----------|--|---------------------------------|---------------|----------------------|-----------|
| L/MR No | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 27 | 1.12 | 1.52 | Earthen Levee | Vegetation | WS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.996609 ° | 36.996611 ° | 26 | |
| | | | | | | | | -120.353757 ° | -120.346460 ° | | |
| | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_26 | | | |
| 28 | 1.12 | 1.52 | Earthen Levee | Vegetation | LS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.996610 ° | 36.996611 ° | 27 | |
| | | | | | | | | -120.353753 ° | -120.346460 ° | | |
| | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_27 | | | |
| 29 | 1.26 | 1.26 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T1 : Trim trees to at least five feet above ground level. | 36.996632 ° | 36.996632 ° | 17 | |
| | | | | | | | | -120.351463 ° | -120.351463 ° | | |
| | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_17 | | | |
| 30 | 1.26 | 1.26 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T2 : Thin trees to allow visibility of the ground and room to flood fight. | 36.996616 ° | 36.996616 ° | 29 | |
| | | | | | | | | -120.351463 ° | -120.351463 ° | | |
| | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_29 | | | |
| 31 | 1.28 | 1.28 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T2 : Thin trees to allow visibility of the ground and room to flood fight. | 36.996603 ° | 36.996603 ° | 30 | |
| | | | | | | | | -120.351115 ° | -120.351115 ° | | |
| | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_30 | | | |
| 32 | 1.50 | 1.53 | Earthen Levee | Animal Control | CR Ma | U | A1 : Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: At this levee section at levee mile 1.50 I measured a section of levee where there were 15 holes on the waterside, 4 on the crown roadway, and 3 on the landside. Pictures taken. | 36.996550 ° | 36.996583 ° | 8 | |
| | | | | | | | | -120.347108 ° | -120.346683 ° | | |
| | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_8 | | | |
| 33 | 1.50 | 1.53 | Earthen Levee | Animal Control | WS Ma | M | A1 : Exterminate rodents and backfill and compact or grout burrows. | 36.996557 ° | 36.996583 ° | 9 | |
| | | | | | | | | -120.347102 ° | -120.346678 ° | | |
| | | | | | | | | DWR ID: DWR_NA0011_03_s_2012_9 | | | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Berenda Slough | Right | 1.55 | 11/01/2012 11/01/2012 | Herman Phillips |

| | |
|---|-----------------------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.00 |
| End Levee Mile | 0.00 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Berenda Slough Unit 3 levee mile 0.00, levee is not being maintained. Photo taken 11-01-2012. | phillips_f_20121204_432.jpg |



| | |
|---|-----------------------------|
| Levee Mile Report Line | 5 |
| Start Levee Mile | 0.03 |
| End Levee Mile | 0.03 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Unauthorized agriculture ditch landward toe. Photo taken 11-23-2011. | phillips_f_20120911_014.jpg |



| | |
|---|-----------------------------|
| Levee Mile Report Line | 5 |
| Start Levee Mile | 0.03 |
| End Levee Mile | 0.03 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Agriculture ditch continues along land side within the 10-foot of levee toe. Photo taken 4-18-2012. | phillips_f_20120911_015.jpg |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 03 Berenda Slough | Right | 1.55 | 11/01/2012 11/01/2012 | Herman Phillips |

| | |
|---|---------------|
| Levee Mile Report Line | 8 |
| Start Levee Mile | 0.05 |
| End Levee Mile | 0.05 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| This encroachment has been listed, we are waiting for the CVFPB Permit from Chowchilla Flood Control. Photo taken 11-01-2012. | |
| phillips_f_20121204_433.jpg | |



| | |
|--|----------------|
| Levee Mile Report Line | 32 |
| Start Levee Mile | 1.50 |
| End Levee Mile | 1.53 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Animal Control |
| There are several rodent holes in the shoulder and crown of the roadway. | |
| phillips_f_20120911_010.jpg | |



| | |
|---|----------------|
| Levee Mile Report Line | 32 |
| Start Levee Mile | 1.50 |
| End Levee Mile | 1.53 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Animal Control |
| This photo shows holes in crown and shoulder. | |
| phillips_f_20120911_011.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Madera County FCWCA

| Waterway | | | Bank | Unit Miles |
|--|--|---------------------------|---------------------------------------|---------------------------------|
| Unit No. 04 Berenda Slough | | | Left | 2.28 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | U | |
| Date of Inspection | 04/18/2012 - 04/18/2012 | | 11/01/2012 - 11/01/2012 | |
| DWR Inspector | Herman Phillips | | Herman Phillips | |
| Accompanied By | Dario Dominguez Madera County Resource Management | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|---------------|----------------|----------------|---|-----------|--|------------------------------|------------------------------|---------------------------------|-----------|
| LMR No. | Levee Mile | | Category | Item | * Location | ** Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 1 | 2.28 | Earthen Levee | Animal Control | LS Ma | A1 : Exterminate rodents and backfill and compact or grout burrows. | | | 36.995662 ° -120.346381 ° | ° ° | 23 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_f_2012_23 | |
| 2 | 0.01 | 0.01 | Earthen Levee | Encroachments | WS Ma | C | FW : Firewood | 36.995482 ° -120.373419 ° | 36.995482 ° -120.373419 ° | 7 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_s_2012_7 | |
| 3 | 0.01 | 0.01 | Earthen Levee | Encroachments | WS Ma | M | FW : Firewood | 36.995497 ° -120.373393 ° | 36.995497 ° -120.373393 ° | 16 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_f_2012_16 | |
| 4 | 0.01 | 0.01 | Earthen Levee | Vegetation | LS Ma | U | V1 : Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Wild growth covers both slopes waterward and landward. | 36.995498 ° -120.373383 ° | 36.995498 ° -120.373383 ° | 5 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_f_2012_5 | |
| 5 | 0.03 | 1.51 | Earthen Levee | Vegetation | CR Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.995568 ° -120.372911 ° | 36.995514 ° -120.346622 ° | 19 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_f_2012_19 | |
| 6 | 0.04 | 0.04 | Earthen Levee | Encroachments | WS Ma | M | TR : Tree or limb | 36.995519 ° -120.372789 ° | 36.995519 ° -120.372789 ° | 1 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_s_2012_1 | |
| 7 | 0.06 | 0.45 | Earthen Levee | Animal Control | LS Ma | M | A1 : Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Did not see any rodent during this inspection, the weeds were too tall to see. District is in process of mowing this levee section. | 36.995580 ° -120.372432 ° | 36.995610 ° -120.365297 ° | 2 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_s_2012_2 | |
| 8 | 0.06 | 0.06 | Earthen Levee | Encroachments | WS En | M | TR : Tree or limb | 36.995597 ° -120.372391 ° | 36.995597 ° -120.372391 ° | 20 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_f_2012_20 | |
| 9 | 0.15 | 0.20 | Earthen Levee | Vegetation | LS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.995539 ° -120.370876 ° | 36.995530 ° -120.369877 ° | 12 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_s_2012_12 | |
| 10 | 0.15 | 0.20 | Earthen Levee | Vegetation | WS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.995534 ° -120.370874 ° | 36.995533 ° -120.369899 ° | 8 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_s_2012_8 | |
| 11 | 0.16 | 1.26 | Earthen Levee | Vegetation | CR Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.995513 ° -120.370552 ° | 36.995585 ° -120.351067 ° | 13 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_s_2012_13 | |
| 12 | 0.28 | 0.28 | Earthen Levee | Encroachments | WS Ma | M | TR : Tree or limb | 36.995564 ° -120.368540 ° | 36.995564 ° -120.368540 ° | 21 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_f_2012_21 | |
| 13 | 0.31 | 1.34 | Earthen Levee | Vegetation | WS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.995526 ° -120.368064 ° | 36.995566 ° -120.349628 ° | 14 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_s_2012_14 | |
| 14 | 0.40 | 0.40 | Earthen Levee | Encroachments | WS Ma | U | TR : Tree or limb | 36.995531 ° -120.366462 ° | 36.995531 ° -120.366462 ° | 15 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_s_2012_15 | |

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|---------------|-----------------|------------|-----------|--|----------------|------------|---------------------------------|--------------------------------|
| LMR No | Levee Mile | | Category | Item | * Location | ** Rating | + Issue Type | Action/Comment | | GPS Latitude/Longitude | Issue No. |
| | Start | End | | | | | | Start | End | Photo | |
| 15 | 0.48 | 0.48 | Earthen Levee | Encroachments | WS Ma | M | TR : Tree or limb | | | 36.995572 ° -120.364872 ° | 36.995570 ° -120.364760 ° 6 |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_s_2012_6 | |
| 16 | 0.58 | 1.52 | Earthen Levee | Vegetation | CR Ma | U | V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Unsatisfactory growth across crown roadway. Growth taller than 2-foot. | | | 36.995610 ° -120.363079 ° | 36.995503 ° -120.352640 ° 22 Y |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_f_2012_22 | |
| 17 | 1.06 | 1.34 | Earthen Levee | Vegetation | LS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | | | 36.995596 ° -120.354562 ° | 36.995571 ° -120.349736 ° 55 |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_s_2012_55 | |
| 18 | 1.51 | 1.51 | Earthen Levee | Slope Stability | LS Ma | U | S1 : Repair slope instability. Inspector Comments: The Madera County Resource Management Agency will be sending the landowner a letter addressing this damage. The damage here was caused by a Contractor. 11-01-2012 no repairs have been done to this site. | | | 36.995611 ° -120.346236 ° | 36.995611 ° -120.346236 ° 9 Y |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_s_2012_9 | |
| 19 | 1.52 | 2.28 | Earthen Levee | Animal Control | WS Ma | M | A1 : Exterminate rodents and backfill and compact or grout burrows. | | | 36.995662 ° -120.346381 ° | ° 24 |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_f_2012_24 | |
| 20 | 1.52 | 1.97 | Earthen Levee | Encroachments | WS En | U | FE : Fence | | | 36.995615 ° -120.346296 ° | 37.000075 ° -120.340824 ° 56 Y |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_s_2012_56 | |
| 21 | 1.59 | 1.59 | Earthen Levee | Animal Control | LS Ma | M | A1 : Exterminate rodents and backfill and compact or grout burrows. | | | 36.995910 ° -120.345293 ° | 36.995910 ° -120.345293 ° 11 |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_s_2012_11 | |
| 22 | 1.66 | 2.25 | Earthen Levee | Animal Control | WS Ma | U | A1 : Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: Waterside covered with rodent holes. | | | 36.996573 ° -120.344430 ° | 37.003162 ° -120.337764 ° 58 Y |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_s_2012_58 | |
| 23 | 1.66 | 2.25 | Earthen Levee | Animal Control | LS Ma | U | A1 : Exterminate rodents and backfill and compact or grout burrows. | | | 36.996574 ° -120.344430 ° | 37.003328 ° -120.337604 ° 57 Y |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_s_2012_57 | |
| 24 | 1.66 | 1.69 | Earthen Levee | Animal Control | CR Ma | M | A1 : Exterminate rodents and backfill and compact or grout burrows. | | | 36.996573 ° -120.344428 ° | 36.997002 ° -120.343977 ° 59 |
| | | | | | | | | | | DWR ID: DWR_NA0011_04_s_2012_59 | |

| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| | |
|--------------------------|---|
| ** Rating | + Issue Type |
| A : Acceptable | N : Not Inspected/Rated |
| M : Minimally Acceptable | C : Corrected |
| U : Unacceptable | A/W : Acceptable but Monitor & Maintain |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Berenda Slough | Left | 2.28 | 11/01/2012 11/01/2012 | Herman Phillips |

| | |
|--|---------------|
| Levee Mile Report Line | 4 |
| Start Levee Mile | 0.01 |
| End Levee Mile | 0.01 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Berenda Slough Unit 4 levee mile 0.01 looking back upstream. Photo taken 11-01-2012. | |
| phillips_f_20121204_437.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 6 |
| Start Levee Mile | 0.04 |
| End Levee Mile | 0.04 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| This tree needs to be cut up and removed from levee section. | |
| phillips_f_20120911_019.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 14 |
| Start Levee Mile | 0.40 |
| End Levee Mile | 0.40 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| This tree has not been cut up since last two inspections. Phot taken 11-01-2012. | |
| phillips_f_20121204_435.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Berenda Slough | Left | 2.28 | 11/01/2012 11/01/2012 | Herman Phillips |

| | |
|--|---------------|
| Levee Mile Report Line | 16 |
| Start Levee Mile | 0.58 |
| End Levee Mile | 1.52 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Vegetation |
| This levee section is severely overgrown weeds exceed the unsatisfactory limits. No maintenance has been done. Photo taken 11-01-2012. | |
| phillips_f_20121204_434.jpg | |



| | |
|--|-----------------|
| Levee Mile Report Line | 18 |
| Start Levee Mile | 1.51 |
| End Levee Mile | 1.51 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Slope Stability |
| Looking down at the erosion landward Unit 4. Photo taken 11-23-2011. | |
| phillips_f_20120911_021.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 20 |
| Start Levee Mile | 1.52 |
| End Levee Mile | 1.97 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Fence within the 10-foot of levee toe. This encroachment was recorded on the last two inspections. Photo taken 11-01-2012. | |
| phillips_f_20121204_436.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
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| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|------|------------|--------------------------|-----------------|
| Unit No. 04 Berenda Slough | Left | 2.28 | 11/01/2012 11/01/2012 | Herman Phillips |

| | |
|--|----------------|
| Levee Mile Report Line | 22 |
| Start Levee Mile | 1.66 |
| End Levee Mile | 2.25 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Animal Control |
| Rodent holes all along the waterside slope and toe no bait stations in place. Photo taken 4-18-2012. | |
| phillips_f_20120911_025.jpg | |



| | |
|--|----------------|
| Levee Mile Report Line | 23 |
| Start Levee Mile | 1.66 |
| End Levee Mile | 2.25 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Animal Control |
| Rodent holes all along the landward slope, no bait stations in place. Photo taken 4-18-2012. | |
| phillips_f_20120911_024.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Madera County FCWCA

| Waterway | | | Bank | Unit Miles |
|--|--|---------------------------|---------------------------------------|---------------------------------|
| Unit No. 05 Fresno River | | | Right | 9.20 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | U | |
| Date of Inspection | 04/17/2012 - 04/17/2012 | | 10/31/2012 - 10/31/2012 | |
| DWR Inspector | Herman Phillips | | Herman Phillips | |
| Accompanied By | Dario Dominguez Madera County Resource Management | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------------|------|---------------|---------------------------------------|------------|-----------|---|------------------------------|------------------------------|---------------------------------|-----------------|
| Unit No. 05 Fresno River | | | | | | | | Right | 9.20 | 10/31/2012 10/31/2012 | Herman Phillips |
| LMR No. | Levee Mile | | Category | Item | * Location | ** Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 1 | 0.00 | 0.00 | Earthen Levee | Vegetation | WS | U Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Tumble weeds should be removed from levee section and no weeds should be growing on crown roadway. | 36.978556 ° -120.368458 ° | 36.978556 ° -120.368458 ° | 1 | |
| 2 | 0.01 | 3.14 | Earthen Levee | Vegetation | WS | M Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.978533 ° -120.368316 ° | 36.968102 ° -120.318092 ° | 88 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_05_s_2012_88 | |
| 3 | 0.01 | 3.96 | Earthen Levee | Vegetation | CR | M Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.978531 ° -120.368315 ° | 36.968152 ° -120.303389 ° | 87 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_05_s_2012_87 | |
| 4 | 0.06 | 4.10 | Earthen Levee | Vegetation | LS | M Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.978472 ° -120.367470 ° | ° ° | 10 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_05_f_2012_10 | |
| 5 | 0.14 | 1.30 | Earthen Levee | Vegetation | WS | U Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: The tumble weeds should not be growing on the levee section, and the crown road should be clear of weed growth. | 36.978188 ° -120.366025 ° | 36.967859 ° -120.350966 ° | 9 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_05_f_2012_9 | |
| 6 | 0.19 | 0.40 | Earthen Levee | Animal Control | LS | M Ma | A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | 36.977998 ° -120.365077 ° | 36.976882 ° -120.361610 ° | 3 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_05_s_2012_3 | |
| 7 | 0.20 | 0.26 | Earthen Levee | Animal Control | WS | M Ma | A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Bait stations has been placed along the levee slope. 2011 | 36.977967 ° -120.364960 ° | 36.977715 ° -120.363902 ° | 4 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_05_s_2012_4 | |
| 8 | 0.48 | 0.48 | Earthen Levee | Encroachments | LS | M En | DE : Debris | 36.976233 ° -120.360630 ° | 36.976233 ° -120.360630 ° | 2 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_05_s_2012_2 | |
| 9 | 0.54 | 0.56 | Earthen Levee | Animal Control | LS | M Ma | A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | 36.975520 ° -120.359788 ° | 36.975350 ° -120.359548 ° | 5 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_05_s_2012_5 | |
| 10 | 0.86 | 1.13 | Earthen Levee | Crown Surface / Depressions / Rutting | CR | M Ma | C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation. | 36.972344 ° -120.355692 ° | 36.968963 ° -120.353347 ° | 13 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_05_s_2012_13 | |
| 11 | 1.19 | 1.20 | Earthen Levee | Crown Surface / Depressions / Rutting | CR | M Ma | C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation. | 36.968354 ° -120.352761 ° | 36.968272 ° -120.352623 ° | 16 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_05_f_2012_16 | |
| 12 | 1.30 | 1.39 | Earthen Levee | Crown Surface / Depressions / Rutting | LS | M Ma | C2 : Repair depressions or ruts in the crown or slope. | 36.967858 ° -120.351064 ° | 36.967868 ° -120.349417 ° | 11 | |
| | | | | | | | | | | DWR ID: DWR_NA0011_05_s_2012_11 | |

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|---------------|---------------------------------------|------------|-----------|--|------------------------|-------------|----------------------|---------------------------------|
| L/MR No | Levee Mile | | Category | Item | * Location | ** Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. | |
| | Start | End | | | | | | Start | End | | |
| 13 | 1.52 | 1.60 | Earthen Levee | Crown Surface / Depressions / Rutting | LS Ma | M | C2 : Repair depressions or ruts in the crown or slope. | 36.967876 ° | 36.967865 ° | 14 | -120.347037 ° -120.345679 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_05_s_2012_14 |
| 14 | 1.52 | 1.87 | Earthen Levee | Crown Surface / Depressions / Rutting | LS Ma | M | C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation. | 36.967901 ° | 36.967931 ° | 30 | -120.347012 ° -120.340852 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_05_f_2012_30 |
| 15 | 1.59 | 4.10 | Earthen Levee | Animal Control | LS Ma | M | A1 : Exterminate rodents and backfill and compact or grout burrows. | 36.967928 ° | 36.968175 ° | 18 | -120.345813 ° -120.300922 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_05_s_2012_18 |
| 16 | 1.87 | 4.10 | Earthen Levee | Animal Control | LS Ma | M | A1 : Exterminate rodents and backfill and compact or grout burrows. | 36.967870 ° | 36.968172 ° | 20 | -120.340830 ° -120.300913 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_05_s_2012_20 |
| 17 | 2.52 | 2.52 | Channels | Encroachments | WS Ma | M | Inspector Comments: Trash in channel. | 36.968222 ° | 36.968222 ° | 19 | -120.329131 ° -120.329131 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_05_s_2012_19 |
| 18 | 3.32 | 4.09 | Earthen Levee | Vegetation | CR Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.968075 ° | 36.968174 ° | 8 | -120.314934 ° -120.301068 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_05_s_2012_8 |
| 19 | 4.24 | 4.36 | Earthen Levee | Animal Control | WS Ma | M | A1 : Exterminate rodents and backfill and compact or grout burrows. | 36.968138 ° | 36.968202 ° | 22 | -120.298362 ° -120.296210 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_05_s_2012_22 |
| 20 | 4.24 | 4.36 | Earthen Levee | Animal Control | LS Ma | M | A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | 36.968135 ° | 36.968202 ° | 21 | -120.298355 ° -120.296210 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_05_s_2012_21 |
| 21 | 4.50 | 5.27 | Earthen Levee | Animal Control | WS Ma | M | A1 : Exterminate rodents and backfill and compact or grout burrows. | 36.968230 ° | 36.968247 ° | 23 | -120.293665 ° -120.279957 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_05_s_2012_23 |
| 22 | 6.46 | 6.57 | Earthen Levee | Trim / Thin Trees | LS Ma | M | T2 : Thin trees to allow visibility of the ground and room to flood fight. | 36.968545 ° | 36.968607 ° | 15 | -120.258681 ° -120.256664 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_05_s_2012_15 |
| 23 | 6.57 | 6.88 | Earthen Levee | Vegetation | WS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.968453 ° | 36.969510 ° | 17 | -120.255595 ° -120.250163 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_05_s_2012_17 |
| 24 | 6.67 | 6.75 | Earthen Levee | Animal Control | LS Ma | U | A1 : Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: The District needs to do a better job of removing rodents from levee section. | 36.968505 ° | 36.968855 ° | 24 | -120.254893 ° -120.253545 ° Y |
| | | | | | | | | | | | DWR ID: DWR_NA0011_05_s_2012_24 |
| 25 | 7.61 | 7.76 | Earthen Levee | Animal Control | LS Ma | M | A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | 36.969577 ° | 36.969725 ° | 12 | -120.238330 ° -120.235783 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_05_s_2012_12 |
| 26 | 7.65 | 7.83 | Earthen Levee | Encroachments | LS En | U | TR : Tree or limb | 36.969543 ° | 36.970311 ° | 90 | -120.237541 ° -120.234432 ° Y |
| | | | | | | | | | | | DWR ID: DWR_NA0011_05_s_2012_90 |

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|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

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|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| A/W : Acceptable but Monitor & Maintain |

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|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------------|------|---------------|-----------------------|------------|----------|---|------------------------------|------------------------------|--|
| Unit No. 05 Fresno River | | | | | | | Right | 9.20 | 10/31/2012 10/31/2012 | Herman Phillips |
| LMR No. | Levee Mile | | Category | Item | * Location | * Rating | Action/Comment | GPS Latitude/Longitude | | Issue No. Start End Photo |
| | Start | End | | | | | | Start | End | |
| 27 | 7.68 | 7.68 | Earthen Levee | Erosion / Bank Caving | LS Ma | M | E1 : Note and monitor erosion site. | 36.969571 ° -120.237051 ° | 36.969543 ° -120.237041 ° | 25 DWR ID: DWR_NA0011_05_s_2012_25 |
| 28 | 7.71 | 7.73 | Earthen Levee | Encroachments | LS Ma | U | TR : Tree or limb Inspector Comments: This is not a good place for trimmings to be placed. Rodents will be digging underneath. | 36.969568 ° -120.236529 ° | 36.969616 ° -120.236121 ° | 31 Y DWR ID: DWR_NA0011_05_f_2012_31 |
| 29 | 7.91 | 7.93 | Earthen Levee | Encroachments | LS Ma | M | FW : Firewood | 36.970919 ° -120.233529 ° | 36.971056 ° -120.233226 ° | 26 DWR ID: DWR_NA0011_05_s_2012_26 |
| 30 | 8.47 | 8.50 | Earthen Levee | Encroachments | LS Ma | M | FW : Firewood | 36.972931 ° -120.224024 ° | 36.972924 ° -120.223538 ° | 28 DWR ID: DWR_NA0011_05_s_2012_28 |
| 31 | 8.53 | 8.54 | Earthen Levee | Encroachments | LS Ma | M | DE : Debris | 37.068720 ° -120.398500 ° | 36.372730 ° -120.221320 ° | 27 DWR ID: DWR_NA0011_05_s_2012_27 |

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|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

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|--------------------------|-----------------------------------|
| ** Rating | + Issue Type |
| A : Acceptable | Ma : Maintenance Deficiency |
| M : Minimally Acceptable | Ob : Design & System Obsolescence |
| U : Unacceptable | En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 05 Fresno River | Right | 9.20 | 10/31/2012 10/31/2012 | Herman Phillips |

| | |
|---|---------------|
| Levee Mile Report Line | 1 |
| Start Levee Mile | 0.00 |
| End Levee Mile | 0.00 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Fresno River Unit 5 levee mile 0.00 looking downstream. Photo taken 10-31-2012. | |
| phillips_f_20121204_438.jpg | |



| | |
|---|---------------|
| Levee Mile Report Line | 5 |
| Start Levee Mile | 0.14 |
| End Levee Mile | 1.30 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Unit 5 Fresno River unsatisfactory growth on both levee slopes. Photo taken 10-31-2012. | |
| phillips_f_20121204_439.jpg | |



| | |
|--|----------------|
| Levee Mile Report Line | 24 |
| Start Levee Mile | 6.67 |
| End Levee Mile | 6.75 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Animal Control |
| Unsatisfactory animal control on Unit 5. Photo taken 11-22-2011. | |
| phillips_f_20120911_028.jpg | |



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|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

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|---|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 05 Fresno River | Right | 9.20 | 10/31/2012 10/31/2012 | Herman Phillips |

| | |
|--|----------------|
| Levee Mile Report Line | 24 |
| Start Levee Mile | 6.67 |
| End Levee Mile | 6.75 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Animal Control |
| Continuation of animal control, landward 6.67 to 6.75. Photo taken 11-22-2011. | |
| phillips_f_20120911_029.jpg | |



| | |
|--|----------------|
| Levee Mile Report Line | 24 |
| Start Levee Mile | 6.67 |
| End Levee Mile | 6.75 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Animal Control |
| Rodents active at this area. District needs a more aggressive approach of managing them. Photo taken 10-31-2012. This section continues from the last 2-3 reports. It is now worse than the last inspection. | |
| phillips_f_20121204_440.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 26 |
| Start Levee Mile | 7.65 |
| End Levee Mile | 7.83 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Unsatisfactory pruning piles on levee toe. Photo taken 10-31-2012. | |
| phillips_f_20121204_442.jpg | |



| |
|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

| |
|--------------------------|
| ** Rating |
| A : Acceptable |
| M : Minimally Acceptable |
| U : Unacceptable |

| |
|---|
| N : Not Inspected/Rated |
| C : Corrected |
| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
| Ob : Design & System Obsolescence |
| En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 05 Fresno River | Right | 9.20 | 10/31/2012 10/31/2012 | Herman Phillips |

| | |
|--|---------------|
| Levee Mile Report Line | 28 |
| Start Levee Mile | 7.71 |
| End Levee Mile | 7.73 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| This is unacceptable placing trimming on the toe of the levee section. Photo taken 10-31-2012. | |
| phillips_f_20121204_441.jpg | |



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|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
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|---|---|--|
| ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|---|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Madera County FCWCA

| Waterway | | | Bank | Unit Miles |
|--|--|---------------------------|---------------------------------------|---------------------------------|
| Unit No. 06 Fresno River | | | Left | 9.14 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | U | |
| Date of Inspection | 04/17/2012 - 04/17/2012 | | 10/31/2012 - 10/31/2012 | |
| DWR Inspector | Herman Phillips | | Herman Phillips | |
| Accompanied By | Dario Dominguez Madera County Flood Control | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|---------------|-----------------------|---------------------|---------------|--|------------------------|-------------|----------------------|---------------------------------|
| LMR No. | Levee Mile | | Category | Item | * Location Start | * Rating + | Action/Comment | GPS Latitude/Longitude | | Issue No. Start | Photo |
| | Levee Mile | End | | | | | | Start | End | | |
| 1 | 0.00 | 1.07 | Earthen Levee | Vegetation | LS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.976994 ° | 36.968011 ° | 21 | -120.367549 ° -120.353556 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_s_2012_21 |
| 2 | 0.00 | 1.80 | Earthen Levee | Vegetation | LS Ma | U | V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: No maintenance has been done on the levee and the weeds has taken over. | 36.976872 ° | 36.967163 ° | 7 | -120.367605 ° -120.340814 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_f_2012_7 |
| 3 | 0.00 | 3.45 | Earthen Levee | Vegetation | WS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.976994 ° | 36.967421 ° | 23 | -120.367548 ° -120.311329 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_s_2012_23 |
| 4 | 0.00 | 3.51 | Earthen Levee | Vegetation | LS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.976993 ° | 36.967408 ° | 24 | -120.367548 ° -120.310312 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_s_2012_24 |
| 5 | 0.00 | 6.55 | Earthen Levee | Vegetation | CR Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: The crown roadway is overgrown with weeds. | 36.976872 ° | 36.967892 ° | 5 | -120.367605 ° -120.256168 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_f_2012_5 |
| 6 | 0.06 | 3.51 | Earthen Levee | Vegetation | WS Ma | U | V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Can't see the levee section due to uncontrolled wild growth. It appears that Madera County has abandoned the maintenance responsibility. | 36.976933 ° | 36.967379 ° | 14 | -120.366407 ° -120.310362 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_f_2012_14 |
| 7 | 0.18 | 5.55 | Earthen Levee | Vegetation | WS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.976909 ° | 36.967496 ° | 4 | -120.364171 ° -120.273990 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_s_2012_4 |
| 8 | 0.18 | 3.23 | Earthen Levee | Animal Control | LS Ma | M | A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. | 36.976901 ° | 36.967383 ° | 18 | -120.364174 ° -120.315330 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_s_2012_18 |
| 9 | 0.44 | 0.44 | Earthen Levee | Erosion / Bank Caving | LS Ob | U | E2 : Schedule repair of erosion site prior to the next inspection. Inspector Comments: This erosion should be taken care of before it gets worse. | 36.975030 ° | 36.975014 ° | 20 | -120.360382 ° -120.360401 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_f_2012_20 |
| 10 | 0.90 | 1.13 | Earthen Levee | Encroachments | LS En | M | DE : Debris | 36.970214 ° | 36.967528 ° | 26 | -120.354721 ° -120.352661 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_s_2012_26 |
| 11 | 1.08 | 1.12 | Earthen Levee | Encroachments | LS En | M | DE : Debris Inspector Comments: Large piles of broken up recycled sheet rock placed within 10-foot of the levee toe landward. | 36.967781 ° | 36.967407 ° | 1 | -120.353321 ° -120.352670 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_s_2012_1 |
| 12 | 1.23 | 3.65 | Earthen Levee | Vegetation | CR Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.967167 ° | 36.967376 ° | 17 | -120.351039 ° -120.307719 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_s_2012_17 |

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|---|
| * Location LS : Land Side WS : Water Side CR : Crown |
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| ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable |
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|---|--|
| N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------|------------|------|---------------|----------------|---------------------|---------------|--|------------------------|-------------|----------------------|---------------------------------|
| LWR No | Levee Mile | | Category | Item | * Location Start | * Rating + | Action/Comment | GPS Latitude/Longitude | | Issue No. Start | Photo |
| | Start | End | | | | | | Start | End | | |
| 13 | 2.29 | 6.55 | Earthen Levee | Vegetation | CR | U Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.967226 ° | 36.967892 ° | 25 | -120.332151 ° -120.256162 ° Y |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_f_2012_25 |
| 14 | 2.73 | 2.82 | Earthen Levee | Animal Control | LS | M Ma | A1 : Exterminate rodents and backfill and compact or grout burrows. Inspector Comments: District needs to continue using the bait stations in the areas where rodents are visibly active. | 36.967317 ° | 36.967302 ° | 13 | -120.324138 ° -120.322640 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_s_2012_13 |
| 15 | 4.97 | 6.55 | Earthen Levee | Vegetation | LS | M Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.967501 ° | 36.967893 ° | 28 | -120.284141 ° -120.256169 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_f_2012_28 |
| 16 | 5.41 | 5.45 | Earthen Levee | Animal Control | LS | M Ma | A1 : Exterminate rodents and backfill and compact or grout burrows. | 36.967550 ° | 36.967572 ° | 12 | -120.276208 ° -120.275478 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_s_2012_12 |
| 17 | 5.55 | 6.23 | Earthen Levee | Vegetation | LS | M Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.967497 ° | 36.967549 ° | 15 | -120.273990 ° -120.261772 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_s_2012_15 |
| 18 | 5.55 | 6.16 | Earthen Levee | Vegetation | CR | M Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.967504 ° | 36.967485 ° | 16 | -120.273877 ° -120.262972 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_s_2012_16 |
| 19 | 5.55 | 5.55 | Earthen Levee | Encroachments | LS | M Ma | PR : Prunings | 36.967484 ° | 36.967484 ° | 29 | -120.273854 ° -120.273854 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_f_2012_29 |
| 20 | 5.72 | 5.72 | Earthen Levee | Encroachments | LS | M Ma | MA : Material | 36.967468 ° | 36.967468 ° | 3 | -120.270902 ° -120.270902 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_s_2012_3 |
| 21 | 5.84 | 5.84 | Earthen Levee | Animal Control | LS | M Ma | A1 : Exterminate rodents and backfill and compact or grout burrows. | 36.967538 ° | 36.967538 ° | 9 | -120.268660 ° -120.268660 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_s_2012_9 |
| 22 | 6.00 | 6.20 | Earthen Levee | Animal Control | LS | M Ma | A1 : Exterminate rodents and backfill and compact or grout burrows. | 36.967530 ° | 36.967545 ° | 8 | -120.265732 ° -120.262320 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_s_2012_8 |
| 23 | 6.22 | 6.52 | Earthen Levee | Animal Control | LS | M Ma | A1 : Exterminate rodents and backfill and compact or grout burrows. | 36.967572 ° | 36.967923 ° | 6 | -120.261918 ° -120.256698 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_s_2012_6 |
| 24 | 6.29 | 6.47 | Earthen Levee | Animal Control | LS | M Ma | A1 : Exterminate rodents and backfill and compact or grout burrows. | 36.967635 ° | 36.967905 ° | 22 | -120.260798 ° -120.257615 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_s_2012_22 |
| 25 | 6.49 | 7.21 | Earthen Levee | Vegetation | WS | C Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.967854 ° | 36.968813 ° | 11 | -120.257228 ° -120.244443 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_s_2012_11 |
| 26 | 6.55 | 6.55 | Earthen Levee | Vegetation | WS | C Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.967828 ° | 36.967826 ° | 30 | -120.256090 ° -120.256082 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_f_2012_30 |
| 27 | 6.90 | 6.90 | Earthen Levee | Vegetation | WS | M Ma | V2 : Remove the wild growth other than native grasses from the levee slopes. | 36.968751 ° | 36.968751 ° | 31 | -120.249993 ° -120.249993 ° |
| | | | | | | | | | | | DWR ID: DWR_NA0011_06_f_2012_31 |

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | | | | | | | Bank | Unit Miles | Inspection Start/End | Inspector | |
|----------|------------|------|---------------|------------|------------|-----------|--|------------|----------------------|---------------------------------|---------------------------|
| LMR No. | Levee Mile | | Category | Item | * Location | ** Rating | Action/Comment | | | GPS Latitude/Longitude | Issue No. |
| | Start | End | | | | | Start | End | Photo | | |
| 28 | 7.20 | 8.67 | Earthen Levee | Vegetation | LS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | | | 36.968775 ° -120.244655 ° | 36.971275 ° -120.219746 ° |
| | | | | | | | | | | DWR ID: DWR_NA0011_06_f_2012_32 | |
| 29 | 7.51 | 8.60 | Earthen Levee | Vegetation | WS Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | | | 36.968855 ° -120.239147 ° | 36.971633 ° -120.220920 ° |
| | | | | | | | | | | DWR ID: DWR_NA0011_06_f_2012_33 | |
| 30 | 7.73 | 8.85 | Earthen Levee | Vegetation | CR Ma | M | V2 : Remove the wild growth other than native grasses from the levee slopes. | | | 36.969203 ° -120.235323 ° | 36.971661 ° -120.216589 ° |
| | | | | | | | | | | DWR ID: DWR_NA0011_06_s_2012_10 | |

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|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

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| ** Rating |
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| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|-----------------|
| Unit No. 06 Fresno River | Left | 9.14 | 10/31/2012 10/31/2012 | Herman Phillips |

| | |
|---|---------------|
| Levee Mile Report Line | 2 |
| Start Levee Mile | 0.00 |
| End Levee Mile | 1.80 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Fresno River Levee Mile 0.00 looking back upstream. Photo taken 10-31-2012. | |
| phillips_f_20121204_443.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 6 |
| Start Levee Mile | 0.06 |
| End Levee Mile | 3.51 |
| Location | Water Side |
| Category | Earthen Levee |
| Item | Vegetation |
| Fresno River, unsatisfactory growth overtaken levee. Photo taken 10-31-2012. | |
| phillips_f_20121204_446.jpg | |



| | |
|--|-----------------------|
| Levee Mile Report Line | 9 |
| Start Levee Mile | 0.44 |
| End Levee Mile | 0.44 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Erosion / Bank Caving |
| Erosion levee toe. Photo taken 10-31-2012. | |
| phillips_f_20121204_445.jpg | |



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Madera County FCWCA

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------|------|------------|--------------------------|-----------------|
| Unit No. 06 Fresno River | Left | 9.14 | 10/31/2012 10/31/2012 | Herman Phillips |

| | |
|--|---------------|
| Levee Mile Report Line | 11 |
| Start Levee Mile | 1.08 |
| End Levee Mile | 1.12 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Levee mile 1.08-1.12 busted up recycled sheet rock placed within the 10-foot easement landward. Photo taken 4-17-2012. | |
| phillips_f_20120911_031.jpg | |



| | |
|--|---------------|
| Levee Mile Report Line | 13 |
| Start Levee Mile | 2.29 |
| End Levee Mile | 6.55 |
| Location | Crown |
| Category | Earthen Levee |
| Item | Vegetation |
| Unsatisfactory wild growth on levee crown roadway. Photo taken 10-31-2012. | |
| phillips_f_20121204_444.jpg | |



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|-----------------|
| * Location |
| LS : Land Side |
| WS : Water Side |
| CR : Crown |

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|---|
| ** Rating |
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| M : Minimally Acceptable |
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| N : Not Inspected/Rated |
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| A/W : Acceptable but Monitor & Maintain |

| |
|-----------------------------------|
| + Issue Type |
| Ma : Maintenance Deficiency |
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